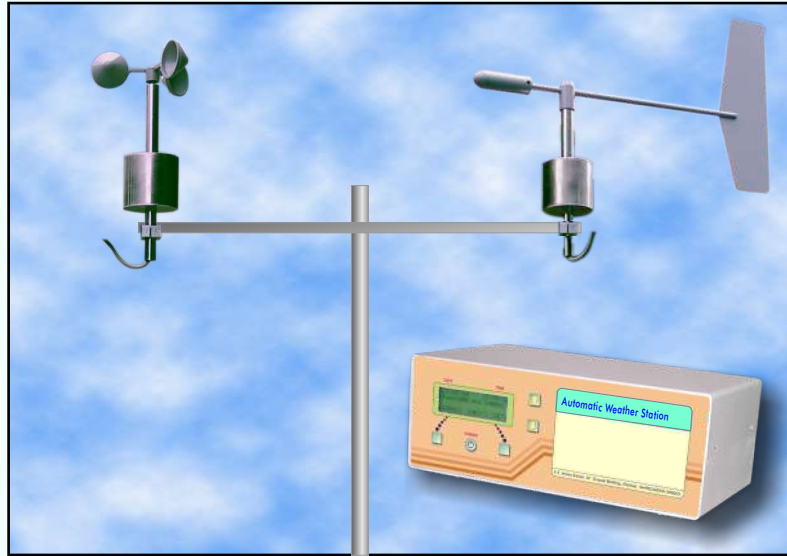


# DIGITAL ANEMOMETER & WINDVANE (with Computer Interface)



This portable Digital Anemometer and Windvane are used to measure wind speed and wind flow direction directly in velocity m/s & direction in degree north and log into memory modules for later retrieve. A low friction rotating vane and highly precision parts are used to measure the velocity in "m/s" and direction. The resulting signals are processed by microprocessor which assures maximum possible accuracy and provides special functions and features using RTC chip & memory modules having small package which can hold data without any attention. This unit also contains RS232 port for direct logging of Data to Computer or store data in Memory Module. The supplied software is utilized to view the logger data for the period of logging (1 month or year) & analyze it through EXCEL. Also available in "kmph" reading on request.

This instrument is suitable for most general measurements in Weatherstations, Laboratories, Agricultural Investigations & many more applications.

## SPECIFICATIONS

	WINDVANE	ANEMOMETER
Sensor	: Wire-wound potentiometer	Low friction rotating Cup Type
Resolution	: better than 5 Degree	0.01 m/s
Range	: 0 - 355°	0.2 m/s to 40 m/s
Threshold	: 0.3 m/s	0.2 m/s

### DATA LOGGER

Display	: 20 x 4 Alphanumeric LCD Display
Display Unit	: "m/s" ( "kmph" Optional ) & Degree North Wind Direction
Interface	: RS232 Serial Port Connection
Memory Capacity	: 128 KB Non-volatile Memory
Logging Interval	: User Selectable (upto 60 minutes)
Operating Condition	: 0° to 70°C Temp and max. 80% RH
Date-time function	: battery backed digital RTC chip
Power Supply	: 230 V AC Mains and 12 V Battery
Backup Battery	: 3 V Lithium Coin cell (CR 2032)



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